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Mounting and Powering the Platinum 100

- Mounting Instructions -

To help ensure that your K40 functions properly and offers maximum protection, please follow these mounting instructions:

- Clean the area of the windshield where the K40 will be mounted *
- Attach the supplied Windshield Mount near the center of your vehicle's windshield by latching it firmly with the tension lever.
 - a. Slide unit onto the bracket until you hear a "click" to complete the mounting.
 - b. Once mounted, the bracket can be leveled by adjusting the control dial.
 - c. Do not mount behind windshield wipers or any other metal obstructions

*IMPORTANT NOTE: Some windshields include a metallic coating that can significantly affect reception of radar signals. Consult with your dealer or check your vehicle's owner's manual to determine if your windshield has such a coating.

Power Connection

The K40 comes with two power cords: one 3.5' coiled cord and one 9.5' straight cord that can be used for hardwire installation. You can use either cord based on your visual preference and vehicle power outlet locations.

- Plug the small end of the supplied Power Cord into the Power Input Jack on the right side of the Platinum100.
- 2. Plug the large end of the Power Cord into your vehicle's 12V outlet
- 3. Power on by pressing and releasing the $\frac{QUIET}{RME}$ button.

Wake-Up Sequence

(using factory default settings)

Your K40 will be ready for use following this automatic Wake-Up sequence:

Wake-Up Sequence – The Platinum100 will announce and display "K40 Scan, Active", you will then hear alerts for X, K, Ka-Band, and laser.

Wake-Up options can be changed in the Menu, page 22.

- •Wake-Up Long: default and as described above.
- •Wake-Up Short: default display sequence and an abbreviated audible sequence of three beeps.
- •Wake-Up Silent: a display only sequence (no audible).

GPS Connection – After locating available satellites, the Platinum100 will announce, "GPS Connected".

NOTE: If you are in a location that prevents connection with GPS satellites (e.g. parking garage), your K40 will still alert you to all radar and laser threats (laser jamming only with optional Laser Defuser installed). Once you drive to an unobstructed location, the GPS will connect and you will hear, "GPS Connected".

You're ready to drive! – Upon completion of the wake-up sequence, the default display will appear as follows:



Want help customizing your Platinum100? Call a K40 Expert at 800.323.5608







Receiving Alerts

The Platinum100 provides a combination of audio and visual alerts to warn you when police radar and laser signals are detected.

Radar Alert Sequence -

The Platinum100 detects all North American police radar signals (X, K, and Ka-Band). When a signal is identified:

 The OLED display will provide you band and signal strength information. You can choose from a 5-bar alert display (default) or a 3-bar alert display. The alert indicators will display a range of colors from green when the signal is weakest to red when the signal is strongest.

Radar Alert Examples: 40 M-MUTE OR 20 S-Bar Alert Display 33.80 GR 20 S-Bar Alert Display 3-Bar Alert Display

- A voice announces which radar band was detected (this assumes the factory default "Voice On" setting has not been changed).
- Signal strength and proximity to the radar source will be identified as a series of Geiger counter-like tones. The faster the tone pattern, the closer you are to the source. Each police radar band alert has its own distinctive tone.

Laser Alert Sequence

When the Platinum100 detects a laser signal:

• The OLED display shows LASER and reports your speed.

NOTE: Unlike radar, signal strength from laser remains constant.



- A voice announces, "Laser" (this assumes the factory default "Voice On" setting has not been changed).
- You will then hear a distinctive and urgent audio tone.

Laser Defuser Compatible (sold separately)

Externally mounted K40 Laser Defuser transponders can connect to the Platinum100 to combat police laser guns. Contact your dealer for details.

Laser Defuser Settings (if equipped)

Optional Laser Defuser(s) can be configured to one of three operational settings in the Menu (page 23):

Defuser Settings	Description	Recommended Use
Constant Transmit	For as long as the Laser Defuser is receiving a police laser gun signal, it will con- tinuously transmit back to the gun. This is the factory default setting. Alert Tone: standard laser alert tone.	Gives the driver more time to decelerate. Higher potential for jamming all the way to the laser gun location.

(continued on following page)







Defuser Settings	Description	Recommended Use
Pulse Transmit	Upon receiving a police laser signal, the Laser Defuser will transmit a jamming signal for up to five seconds, then switches to <i>Receive Only</i> mode for 30 seconds.	•Gives you time to reduce speed. Officer will then be able to obtain speed to eliminate the suspicion of "jamming" where use of jammers is restricted.
	Alert Tones: standard laser alert tone for five seconds. Drops to a lower laser alert pitch tone in Receive Onlymode.	•Tone notifies you while a jamming signal is being transmitted and when Laser Defuser changes to Receive Only.
Receive Only	The Laser Defuser will only detect police laser. No jam- ming signal will be emitted. Alert Tone: lower pitch laser alert tone.	•For notification only. Officer will immediately obtain a speed reading on your ve- hicle in this setting.

Manual Laser Defuser Shut Down During a Police— Laser Encounter (if equipped)

Press and release with button to automatically switch the Laser Defusers to *Receive Only* for 30 seconds during a laser encounter. This gives you the option to control the duration of jamming signal being transmitted by the Laser Defusers.

Alerts from Non-Police Signals

Your K40 is sensitive enough to detect signals generated by non-police sources such as automatic doors, traffic flow sensors, and radar based safety features. To learn how to minimize non-police alerts, please read about TRAFFIC SENSOR FILTER (page 9), FILTER options (page 13), QUIET RIDE (page 14), and MARK TO MUTE (page 18).

K-Band Filter

Your K40 rejects alerts from most vehicles on the road equipped with radar-based safety features, such as collision avoidance. Police radar reception and detection range are unaffected by this feature.

- Traffic Sensor Filter (factory default off)

Your K40 can reject alerts from traffic flow sensors usually encountered during highway driving (limited use areas). This feature can be enabled through the Menu (page 23).

- MultaRadar (MRCD/CT) Photo Radar (factory default off)—

Your K40 is capable of alerting to MRCD/CT photo radar devices (limited use areas). This feature can be enabled through the Menu (page 23).

- Auto Volume (factory default on)-

Your K40 will automatically reduce volume every three seconds until it reaches the "Low" setting. This feature can be disabled through the Menu (page 22).









Display Color-

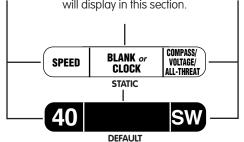
Press and hold button for three seconds to access the menu. Press and release the button to scroll. Choose <<Color>> and select white (default), green, amber, red, or blue accents for the OLED display.

-Display Mode and Alert Options-

Press and hold $\frac{DIM}{MENU}$ button for three seconds to access the menu. Press and release $\frac{DIM}{MENU}$ to scroll and choose <<Display>> for speed & compass or speed & voltage or speed & all-threat (Menu Page 22).

display your speed, either mph or kph.

Left: Will always Center: Optional clock Right: Option to while display is static. display Compass Otherwise blank until (default), Voltage, alert is detected; alert or All-Threat. will display in this section.



For Alert Display Options, **Press and hold** button for three seconds to access the menu. Press and release MENU to scroll and choose <<Alert Disp>> for 5-Bar (default) or 3-Bar alerts (Menu Page 22).

5-Bar Alert (Default) - During an alert, there are five available strength-of-signal bars that use the center and right section of the display.



3-Bar Alert - During an alert, there are three available strength-of-signal bars that use the center section only.



M-Mute means **Band Frequency** QR 20 means MARK TO MUTE Displays radar QUIET RIDE funcfunction is active frequency being tion is set at used. 20mph...page 14. ...page 18.

All Threat Mode Displays all alerts and the signal strength of each alert in the area. The strongest signal will appear in the center of the display and the other threats will appear on the right (3-bar alert is default if All Threat Mode is chosen).







Dim Settings-

Press and release button to adjust and automatically save display brightness to accommodate various driving environments.

Six Display Brightness Options:

- 1. "Day" Brightest display setting.
- 2. "Dusk" Medium display setting (factory default).
- 3. "Night" Dimmest display setting.
- "Auto"-Display adjusts automatically from three seconds in "Day," three seconds in "Dusk," and the duration of the alert in "Night".
- 5. "Stealth"-Display is dark with a single dot that scans the bottom of the display. Upon receiving a radar or laser signal, the display illuminates to medium brightness for the duration of the alert and then returns to dark when the alert ends.



6. "Off"-No display, still receive full audio alerts, reverts to "Auto" upon next wake-up.

Special Features

HighwaylCitylFilterlAuto

Press and Release button to change the setting at any time. The FILTER button offers four levels of sensitivity to police radar signals to accommodate various driving situations.

Settings	Sensitivity	Recommended Use
Highway (factory default)	Maximum range and sensitivity on all North American police radar signals (X, K, and Ka-Band).	For highway travel or in any area in which you are unfamiliar with the types of radar used.
tivity on X, K, and Ka-Bands.		When traveling in an urban area with minimal non-police radar signals.
3. Filter	X-Band off. Further range and sensitivity reduction of K and Ka-Band.	When traveling in a congest- ed traffic area with a high concentration of non-police radar signals.
4. Auto	Adjusts range and sensitivity on radar bands based on vehicle speed. 0-45 mph- <i>Filter</i> setting sensitivity. 46-55mph- <i>City</i> setting sensitivity. 56 mph+- <i>Highway</i> setting sensitivity.	Less sensitivity in low speed situations and more range and sensitivity in higher speed situations.

-K-Band NarrowlWidelExtended-

Select the range of police radar frequencies your K40 scans. This feature can be customized through the Menu (page 22).

• K Narrow scans the primary frequencies of police radar guns being used.

-Scans 24.080-24.200GHZ







 K Wide scans a little above and below the standard range of frequencies police radar guns can use. This is the factory default setting.

-Scans 24.026-24.285GHZ

 K Extended scans radar frequencies further below the standard range of speed enforcement technology that may be used in your area now or in the future.

-Scans 23.950-24.285GHZ

- Ka-Band NarrowlWide -

Select the range of police radar frequencies your K40 scans. This feature can be customized through the Menu (page 22).

 Ka Narrow scans the primary frequencies of police radar guns being used.

-Scans 33.7-33.9GHZ and 34.6-34.8GHZ and 35.4-35.6GHZ

 Ka Wide scans the entire possible range of frequencies police radar guns can use. This is the factory default setting.

-Scans 33.4-36.00GHZ

–Ka-Band Filter–

Enables filtration of Ka-Band non-police radar signals, e.g. other radar detectors and satellite broadcast bands (factory default off). Use in high-traffic areas. Does not affect police radar detection range. This feature can be enabled through the Menu (page 23).

Quiet Ride -

The Quiet Ride function will automatically silence all radar and laser alerts when traveling under a speed selection of your choice between 5-75 mph in 5 mph increments, or 10-120 kph in 10 kph increments.

The display greys the alert received when driving under the chosen Quiet Ride setting.



The factory default setting for Quiet Ride is 20 mph (30 kph).

Activating/Adjusting Quiet Ride:

- Press and release button to activate the Quiet Ride menu. Voice will announce the current setting e.g. "Quiet Ride 20", or the current speed setting.
- Press and release or button to adjust the speed settings on Quiet Ride. Any selected speed setting indicates Quiet Ride is on.
- When you have made your desired Quiet Ride speed selection, stop scrolling and voice will announce, "Quiet Ride Set".

NOTE: Locations that you have "Marked to Alert" (page 19) are unaffected by Quiet Ride settings.

Mute Functions –

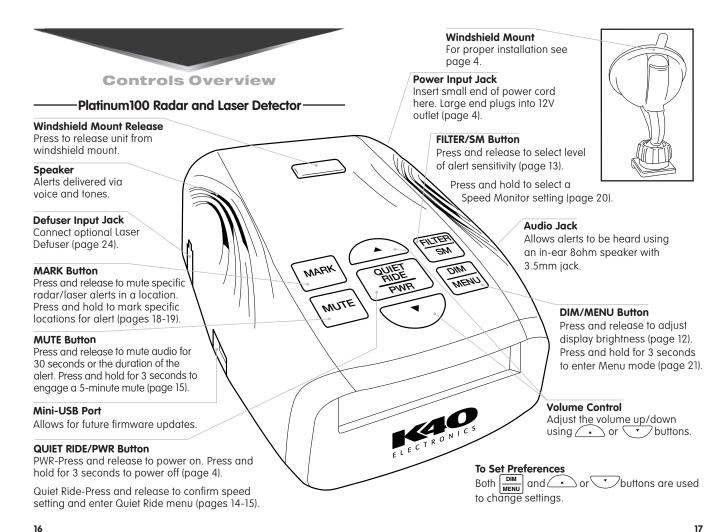
The K40 provides two options to mute audio alerts (both voice and tones):

- **Press and release** with button to mute audio for 30 seconds or the duration of the alert. Voice will announce, "Mute On", and display will show << Mute On>>.
- Press and hold wure button for three seconds to mute audio for five minutes. Voice will announce "Extended Mute On" and the display will show <<Ex-Mute On>>. Press and hold MUTE button for three seconds to turn Extended Mute off. *
- * NOTE: You will only receive new alerts as visual indications on the display while this feature is engaged.









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- Mark to Mute-

The **Mark to Mute** function allows you to mute any stationary radar band/laser alert from a non-police source (e.g. an automatic door) in a specific GPS location.

Using Mark to Mute

- Press and release MARK button to mute a specific radar band/laser alert. A signal must be present in order to mark a location for mute.
- A voice announces that a specific radar band/laser alert has been muted (e.g. "K Muted").
- You will no longer receive audible alerts for the muted radar band/laser alert when within a 1,500 ft. radius of the muted location.
- You can string multiple muted locations together to extend the 1,500 ft. radius.
- You will still receive visual alerts from the display.
- <<M-Mute>> displays in the center section when within the muted location



• All other radar bands/laser alerts remain unaffected.

To remove individual muted locations from your database:

- Press and release the MARK button while in the marked location.
- Voice announces that a specific radar band/laser alert has been removed (e.g. "K Muted Removed").

To remove ALL muted locations from your database:

- Press & hold DIM MENU
 button for three seconds to enter menu options.
- 2. Press and release button until "Delete All Mute Locations" option is announced.
- 3. **Press & hold** MARK button. "All Muted Locations Cleared"

Mark to Alert -

The Mark to Alert function saves specific GPS locations to create a personal database of areas where increased awareness is desired, such as school zones, speed traps, or red light cameras.

- **Press and hold** MARK **button** when you want to mark a location for alert.
- · Voice announces, "Marked to Alert".

In the future you will be alerted as follows:

When you arrive	You will hear
within a radius of 1,500 feet of a marked location	"Approaching Marked Location" and the display will show < <mark 5="">></mark>
at a marked location	a single "Bing" tone and the display will show < <mark \$\frac{1}{6}="">></mark>







To remove a previously marked location from your database:

- Press and hold MARK button for five seconds while in the marked location
- Voice announces, "Marked Location Removed".

To remove all alert locations, follow Steps 1-3 on Page 19, but on Step 2, select the "Delete All Alert" option instead.

----Speed Monitor-

Speed Monitor alerts when a preselected speed is exceeded. Speed Monitor can be set to any speed between 40-100 mph in 5 mph increments or 60-160 kph in 10 kph increments. The factory default setting for Speed Monitor is "Off".

Activating/Adjusting Speed Monitor:

- Press and hold button for three seconds. Voice announces "Speed Monitor".

 Press and hold seconds. Voice announces "Speed Monitor".
- Press and release or buttons to select the desired maximum speed for alerts.
- The voice will announce "Speed Monitor Set", the display will return to the main screen, and your speed setting will be saved

When driving and the Speed Monitor speed is exceeded:

- The Platinum100 emits a continuous "Bing Bong" tone accompanied by the visual display <<Slow Down>>.
- The alerts will continue until the vehicle's speed is reduced to below the Speed Monitor setting.

Customizable Settings

To change the factory preset features and customize your Platinum100 for the way you drive, follow the instructions below or call a K40 Consultant at 800.323.5608.

To change settings:

- Press and release button to scroll through the options in the order listed on the following page. Continue until you reach the option to be changed.
- Press and release or button to change a setting. Both the display and voice will announce the change.
- Press and release another option.

 DIM MENU
 button to continue scrolling to another option.

To save your settings and exit:

- Press and hold well button for three seconds or wait ten seconds, and the system will automatically save your preferences.
- The voice will announce "Exit" and the display will show <<Exit>>.







Menu Options (in order displayed) Default Setting			Description
1	Voice Type	Female	Choose male or female voice for audio alerts.
2	Audible Voice	On	For all initial audio alerts: "Voice On" uses voice; "Voice Off" uses tones only.
3	Wake-Up Sequence	Wake-Up Long	•"Wake-Up Long" is a standard 5 second sequence. •"Wake-Up Short" uses an abbreviated sequence. •"Wake-Up Silent" display only, no audible.
4	Auto Volume	On	Automatically reduces volume every 3 seconds.
5	Display Color	White	Choose white, red, blue, amber, or green accents for OLED display.
6	Display Mode	Speed/ Compass	Speed/Compass, Speed/Voltage, Speed/All Threat on left and right of display.
7	Alert Display	5-Bar	5-bar or 3-bar alert display setting.
8	Time	Off	Enable to see a clock in the center section of the display.
9	DST	Off	Enable Daylight Savings Time.
10	GMT	-5	Sets time zone according to Greenwich Mean time (GMT). Common North American time zone settings: •GMT - 05:00 - Eastern Standard •GMT - 06:00 - Central Standard •GMT - 07:00 - Mountain Standard •GMT - 08:00 - Pacific Standard •GMT - 09:00 - Yukon Standard •GMT - 10:00 - Alaska-Hawaii Standard
11	X-Band	On	Enables the detection of X-Band radar.
12	K-Band Selectivity	Wide	K Wide scans the standard range of K-Band frequencies that police radar guns can use. K Narrow scans the primary K-Band frequencies of police radar guns being used. K Extended scans radar frequencies above and below the standard range of speed enforcement technology that may be used in your area now or in the future.
13	Ka-Band Selectivity	Wide	Ka Wide scans the entire possible range of Ka-Band frequencies that police radar guns can use. Ka Narrow scans the primary Ka-Band frequencies of police radar guns being used.

Menu Options (in order displayed) Default Setting			Description
14	Ka Band Filter	Off	Enables filtration of Ka-Band non-police radar signals.
15	Traffic Sensor Filter	Off	Enables filtration of K-Band signals from traffic flow radar sensors to reduce false alerts.
16	MRCD/CT	Off	Enables MRCD/CT photo radar detection.
17	MRCD/CT Filter	Off	Reduces false alerts when MRCD/CT detection is enabled.
18	Laser	On	Enables the detection of Laser.
19	Optional Defuser	Off	Enables the Laser Defuser.
20	Laser Settings	Constant	Choose Constant, Pulse, or Receive transmit mode of the K40 Laser Defuser system.
21	Speed Units	mph	Choose miles per hour of kilometers per hour.
22	Low Battery	Off	Warning tone sounds if vehicle battery power drops below 11V.
23	Auto Power	Off	Turns power off if speed stays at zero or if GPS not connected for one hour.
24	Mute Locations	N/A	Clears all stored muted locations. See page 19.
25	Alert Locations	N/A	Clears all stored alert locations. See page 20.
26	Firmware		Current firmware version.
27	Factory Reset	Reset	Original Factory default settings.
	"EXIT"	"EXIT"	Exit the settings menu and save your selections.







Add-On Options

(sold separately)

Wireless Remote Control-

System control in the palm of your hand with K40's wireless, keyfob size remote control. Can also be mounted to your visor with supplied clip for convenient access.



Expert Remote Controller

System control at your fingertips with a professionally installed, backlit control, designed to look like it was factory installed.



Laser Defusers

Combat police laser threats by integrating K40 Laser Defusers. Defusers are professionally installed, externally mounted laser jammers.



External Mute Button

Access to full mute button functions, including Defuser shut down, with a professionally installed mute button in an easy to reach location of your choosing.

Wireless Remote Control Functions

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DIM

MM

MENU

MUTÉ

POWER Press to turn off only. Must turn on from Platinum100.

from Platinum 100.

Press and release

to adjust brightness display.

MARK TO MUTE

Press and release to "mute" a specific radar band/laser alert in a location.



(MM)

MARK TO ALERT

Press and release to "mark" specific points of interest.



QUIET RIDE

Press and release to confirm speed setting and enter Quiet Ride menu.



Press and release to select level of radar detector sensitivity

Press and hold for 3 seconds to enter Speed Monitor menu.

MENU

Press and release to enter customizable menu settings.

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Press and release to increase volume. Use to scroll/change menu options.

MUTE

Press and release to mute audio alerts for 30 seconds or the duration of the alert. Press and hold for 3 seconds to engage Extended Mute. Press to automatically put Laser Defuser in Receive Only mode duing a police laser alert.

DOWN

Press and release to decrease volume. Use to scroll and change menu options.







Troubleshooting Guide

Need some help? Call us at 800.323.5608 for assistance and to customize your settings.

Problem	Possible Cause	Solution	
	Power not inserted properly.	Confirm power cord is inserted into opening closest to windshield with the center pin.	
No visual display or	Blown fuse in power cord.	Replace fuse with 2 amp 250 Volt F2AL fuse.	
audio	12V outlet not clean or negatively grounded.	Consult your K40 dealer.	
	Defective fuse or electrical wiring for 12V outlet.	Consult your K40 dealer.	
Weak or no	Partially blocked antenna or lens opening.	Reposition to ensure unobstructed view of the road ahead.	
detection range	Radar/laser signals unable to pass through windshield.	Determine if your vehicle has a heated windshield or is covered with a metallic tint. Check your vehicle's owner's manual or consult with your dealer.	
Erratic or frequent alerts	High concentration of non-police radar sources.	Check Filter Mode (page 13), Quiet Ride (pages 14-15) Traffic Sensor Filter (page 9 MRCD (page 9) settings.	
Mount not sticking to windshield Suction cup surface requires cleaning.		Warm water and dish soap. Wipe with your fingers and rinse. Air dry No towels.	

Warranty/Guarantees



One-Year Warranty

The K40 Platinum100 Portable Radar/Laser Detector is covered by a one year "repair or replace" limited warranty. This coverage begins on date of purchase and applies to manufacturing defects in product materials and workmanship only. Installation, removal, or misuse is not covered.

Guaranteed Performance

If your K40 does not outperform any other radar detector you've owned, return it within 30 days for a full product credit.

Guaranteed Immunity from Speeding Tickets

Get a ticket, K40 will pay it. Subject to the terms and conditions below. Simply send us a copy of the radar or laser speeding ticket, your proof of payment of the ticket, and your receipt for your K40 purchase.

To ensure you are covered by these guarantees, please register your K40 within 30 days of purchase date via the included warranty registration card or online at **K40.com**

Terms and Conditions:

Ticket-Free Guarantee not valid for tickets issued in school or construction zones, incurred with a DUI or DWI violation, or for tickets received outside the U.S. and Canada.

In Canada–excludes any photo radar/laser and/or any tickets issued that do not accumulate demerit points.







Product subject to one or more of the following patents:

U.S. Patents 5.001.777

RE39,038

RE40.653

RE41,905

Other patents pending

Learn more at K40.com

©K40 Electronics

FCC ID: W75-D-Y10

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In addition, any changes or modifications to this product, which are not expressly approved by K40 Electronics in writing, could void the user's authority to operate this product.



Our Promise

To Exceed...

Customer expectations through the pride and dedication of our strong team of caring and talented employees by being the "Model of Excellence" in the entire industry on every level — from innovative product design and flawless manufacturing to knowledgeable sales and total customer service.

To Provide...

The most superior and progressive radar detectors and laser jamming solutions on the worldwide market with guaranteed performance by delivering tomorrow's solutions today through the most advanced technology systems and state-of-the-art radar detection defense

To Ensure...

The total commitment of our entire staff to all customers before, during, and after the sale with personalized direct 24/7 customer support — and going the extra mile with product selection and usage assistance in step with individual needs to achieve the most dependable radar detection performance and success.







Letter From the President

Thank you very much for your recent purchase of the most progressive radar and laser solution available on the market today.

Our mission is to empower you, our valued customer, with peace of mind and unparalleled radar protection.

Because we care about you, we've stood behind every product for over 40 years with the industry's first speeding ticket guarantee. If you get a ticket, we pay for it! That's right, guaranteed!

Whether you are a first-time customer or a lifelong friend, we sincerely appreciate your confidence. We'll always go that extra mile to provide you with what's new, and the latest in leading-edge radar and laser technology.

Our products are detailed and customized to specifically serve the needs of every vehicle and driver. We promise you that there never is a cookie-cutter approach here.

Again, thank you for your business. Your safety and protection is what we're all about!

Sincerely,

Peggy Finley
Owner/President



